

CLAIMS

What is claimed is:

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1 1. A method, comprising:
2 receiving search criteria entered by a user;
3 searching a database for data records matching the
4 search criteria;
5 generating search results comprising of the data records
6 matching the received search criteria; and
7 caching the search results to maintain persistency of
8 the search results.

1 2. The method of claim 1, wherein receiving search
2 criteria further comprises receiving at least one search
3 category.

1 3. The method of claim 1, wherein receiving search
2 criteria further comprises receiving at least one search
3 keyword.

1 4. The method of claim 1, further comprising:
2 passing the received search criteria to a Virtual
3 Business Component (VBC).

1 5. The method of claim 4, further comprising:

2 passing the received search criteria from the Virtual
3 Business Component to a search execution business service.

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1 6. The method of claim 1, wherein searching the
2 database further comprises:
3 using a search execution business service to search the
4 database for data records matching the search criteria.

1 7. The method of claim 1, wherein caching the search
2 results further comprises:
3 caching the search results in a search execution
4 business service to maintain persistency of the search
5 results.

1 8. The method of claim 1, wherein caching the search
2 results further comprises:
3 caching the search results in a search execution
4 business service until termination of a user session to
5 maintain persistency of the search results until termination
6 of the user session.

1 9. The method of claim 1, further comprising:
2 sending the search results to a frame so that the

1 10. A method, comprising:

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2 receiving a search category and a search keyword
3 entered by a user;
4 searching a database for data records matching the
5 search category and the search keyword;
6 generating search results comprising of the data
7 records matching the search category and the search keyword;
8 and
9 caching the search results to maintain persistency of
10 the search results until termination of a session.

1 11. The method of claim 10, further comprising:
2 passing the received search category and the search
3 keyword to a Virtual Business Component (VBC).

1 12. The method of claim 11, further comprising:
2 passing the received search category and the search
3 keyword from the Virtual Business Component to a search
4 execution business service.

1 13. The method of claim 10, wherein searching the
2 database further comprises:
3 using a search execution business service to search the
4 database for data records matching the search criteria.

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1 14. The method of claim 10, wherein caching the search
2 results further comprises:

3 caching the search results in a search execution
4 business service to maintain persistency of the search
5 results until termination of a session.

1 15. The method of claim 10, further comprising:
2 sending the search results to a frame so that the
3 search results can be listed on a user interface.

1 16. A system, comprising:
2 a user interface to receive search criteria entered by
3 a user;
4 a Virtual Business Component (VBC) to receive the
5 search criteria from the user interface;
6 a business service to receive the search criteria from
7 the Virtual Business Component, to perform a search for data
8 records matching the search criteria, to generate search
9 results comprising of the data records matching the received
10 search criteria, and to cache the search results to maintain
11 persistency of the search results.

1 17. The system of claim 16, wherein the search
2 criteria comprises at least one search category.

1 18. The system of claim 16, wherein the search
2 criteria comprises at least one search keyword.

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1 19. The system of claim 16, wherein the business
2 service caches the search results until termination of a
3 user session to maintain persistency of the search results
4 until termination of the user session.

1 20. The system of claim 16, wherein the business
2 service sends the search results to the user interface so
3 that the search results can be listed on the user interface.

1 21. A system, comprising:
2 a user interface to receive search criteria entered by
3 a user;
4 a Virtual Business Component (VBC) to receive the
5 search criteria from the user interface;
6 a business service to receive the search criteria from
7 the Virtual Business Component and to perform a search for
8 data records matching the search criteria.

1 22. The system of claim 21, wherein the search
2 criteria comprises at least one search category.

1 23. The system of claim 21, wherein the search
2 criteria comprises at least one search keyword.

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1 24. The system of claim 21, further comprising:
2 a search adapter to adapt to a selected search engine
3 and to generate search results comprising of the data
4 records matching the received search criteria; and
5 the business service caching the search results
6 generated by the search adapter to maintain persistency of
7 the search results.

1 25. The system of claim 24, wherein the business
2 service caches the search results until termination of a
3 user session to maintain persistency of the search results
4 until termination of the user session.

1 26. The system of claim 21, wherein the business
2 service sends the search results to a search frame
3 so that the search results can be listed on the user
4 interface.

1 27. A machine-readable medium comprising instructions
2 which, when executed by a machine, cause the machine to
3 perform operations comprising:
4 receiving search criteria entered by a user;

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5 searching a database for data records matching the
6 search criteria;
7 generating search results comprising of the data
8 records matching the received search criteria; and
9 caching the search results to maintain persistency of
10 the search results.

1 28. The machine-readable medium of claim 27, wherein
2 receiving search criteria further comprises receiving at
3 least one search category and at least one search keyword.

1 29. The machine-readable medium of claim 27, wherein
2 caching the search results further comprises:
3 caching the search results until termination of a user
4 session to maintain persistency of the search results until
5 termination of the user session.

1 30. The machine-readable medium of claim 27, further
2 comprising:
3 sending the search results to a search frame so that
4 the search results can be listed on a user interface.